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Sheet 1 of 2

Substitution Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10278-025004	Application No. 09/753,385
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Michael W. Heartlein et al.	
		Filing Date January 3, 2001	Group Art Unit 1646

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate	
CML	AA	5,416,016	05/16/95	Low et al.	435	240.1	TECH CENTER 1600/2900	
	AB	5,292,869	03/08/94	Schryvers	530	413		
	AC	5,554,386	06/16/94	Groman et al.	424	488		
	AD	5,154,924	10/13/92	Friden	424	85.91		
	AE	5,182,107	01/26/93	Friden	424	85.91		
	AF	5,527,527	01/15/93	Friden	424	178.1		
	AG	5,672,683	07/16/93	Friden et al.	530	350		
	AH	5,433,946	07/18/95	Allen, Jr. et al.				
	AI	5,447,851	09/05/95	Beutler et al.	435	69.7		04/02/92
	AJ	5,605,690	02/25/97	Jacobs et al.	424	134.1		02/08/95
CML	AK	5,668,255	09/16/97	Murphy				

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
CML	AL	WO 91/14438	10/03/91	WIPO				
	AM	WO 92/11383	07/09/92	WIPO				
	AN	WO 95/02421	01/26/95	WIPO				
	AO	WO 93/00917	01/21/93	WIPO				
	AP	WO 93/22450	11/11/93	WIPO				
	AQ	WO 93/17038	09/02/93	WIPO				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
CML	AR	Seligman, P., et al., "Molecular Mechanisms of Iron Metabolism", The Molecular Basis of Blood Diseases, p. 219-229 (1987).
CML	AS	Wagner, E., et al., "Transferrin-polycation conjugates as carriers for DNA uptake into cells," Proc. Natl. Acad. Sci., 87:3410-3414 (1990).
CML	AT	Yan, H., et al., "Chimeric NGF-EGF Receptors Define Domains Responsible for Neuronal Differentiation," Science, 252:561-564 (1991).

Examiner Signature 	Date Considered 6/16/03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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cu	AU	Hobbs, H.H., et al., "The LDL Receptor Locus in Familial Hypercholesterolemia: Mutational Analysis of a Membrane Protein," Annu. Rev. Genet, 24:133-170 (1990).
	AV	Capon, D.J., et al., "Designing CD4 immunoadhesions for AIDS therapy," Nature, 337:525-531 (1989).
	AW	Traunecker, A., et al., "Highly efficient neutralization of HIV with recombinant CD4-immunoglobulin molecules", Nature, 339:68-70 (1989).
	AX	Wagner, E., et al., "Delivery of drugs, proteins and genes into cells using transferrin as a ligand for receptor-mediated endocytosis", Advanced Drug Delivery Reviews, 14:113-135 (1994).
	AY	Styles, et al., "Rat monoclonal antibodies to the external domain of the product of the c-erbB-2 proto- oncogene," Int.J. Cancer, 45:320-324 (1990).
	AZ	Shin, et al., "Transferrin-antibody fusion proteins are effective in brain targeting," Proc. Natl. Acad. Sci., USA, 92:2820-2824 (1995).
cu	AAA	Parise et al., "Construction and in vitro Functional Evaluation of a Low-Density Lipoprotein Receptor/ Transferrin Fusion Protein as a Therapeutic Tool for Familial Hypercholesterolemia" Human Gene Therapy 10: 1219-1228 (1999).

Examiner Signature <i>Chen M. Kef</i>	Date Considered 6/16/03
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